

**EXAMINER'S AMENDMENT**

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Chad Billings on 03/23/11.

The application has been amended as follows:

page 17 line 3 (first line of claim 1) A non-transitory computer readable medium having stored thereon a program for decoding data, which causes a computer to function

page 17 line 17 (first line of claim 2) A non-transitory computer readable medium having stored thereon a program for decoding data according to claim 1,

page 17 line 21 (first line of claim 3) A non-transitory computer readable medium having stored thereon a program for decoding data according to claim 1, further

page 18 line 11 (first line of claim 4) A non-transitory computer readable medium having stored thereon a program for decoding data according to claim 3,

page 18 line 116 (first line of claim 5) A non-transitory computer readable medium having stored thereon with a program for decoding data according to claim 1,

page 18 line 22 (first line of claim 6) A non-transitory computer readable medium having stored thereon a program for decoding data according to claim 5,

***Allowable Subject Matter***

The following is an examiner's statement of reasons for allowance: the cited prior art fails to teach applicant's claimed invention as follows a first projection means for receiving an input of a signal coded by lossy compression and orthogonally projecting an optional real number vector on one convex aggregate X in a first vector space in which the decoded signal is present; convergence judgment means for judging convergence of convex projection through the first projection means and obtaining a real number vector  $x$  belonging to the aggregate X to output the same as a decoded signal when the convergence of the convex projection is judged; and a second projection means for orthogonally projecting an optional vector of the first vector space on one convex aggregate Y in the second vector space different from the first vector space when the convergence of the convex projection is not judged, and then moving to the first projection means to repeat orthogonal projection on the aggregate X and the aggregate Y with the coded signal set as an initial value..

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

***Conclusion***

2. Any inquiry concerning this communication or earlier communications from the examiner should be directed to ANNER HOLDER whose telephone number is (571)270-1549. The examiner can normally be reached on M-W, M-W 8 am-3 pm EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Joseph Ustaris can be reached on 571-272-7383. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Anner Holder/  
Examiner, Art Unit 2483

/Dave Czekaj/  
Primary Examiner, Art Unit 2483